SLUMP
OF
HYDRAULIC CEMENT CONCRETE
AASHTO T 119

APPARATUS

[ ] Slump cone critical dimensions verified within the last 12 months
[ ] Tamping Rod
  [ ] Round straight steel rod 5/8 in. in diameter
  [ ] Approximately 24 in. in length
  [ ] Tamping end rounded to hemispherical tip with diameter of 5/8 in.

PROCEDURE

[ ] Cone dampened and placed on a flat, moist, nonabsorbent, and rigid surface
[ ] Cone filled in three layers of approximately equal volume
[ ] Bottom layer rodded 25 times throughout its depth, with half of the strokes near the perimeter at an incline and half the strokes vertically in a spiral motion toward the center
[ ] Second and top layer rodded 25 times throughout its depth, so that the strokes just penetrate into the underlying layer
[ ] Top layer kept heaped above the cone during rodding
[ ] Cone struck off level with the top by means of a screeding and rolling motion of the tamping rod
[ ] Cone raised a distance of 12 in. in 5 ± 2 seconds by a steady upward lift with no lateral or torsional motion
[ ] Test completed without interruption within an elapsed time of 2½ minutes
[ ] Slump measured by determining the vertical difference between the top of the cone and the displaced original center of the top surface of the specimen
[ ] If decided falling away or shearing off of concrete from one side or portion of mass occurs, test disregarded and new test made on another portion of sample

NA - Not Applicable
X - Requires Corrective Action
√ - Satisfactory

_____
Acceptance Technician

_____ _____
INDOT Date

Comments _____
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